

# [APPARATUS FOR DETECTING AND DE-CODING MUSIC FORMAT AND DIGITAL MUSIC SHARING METHOD FOR MOBILE PHONES]

## Abstract

An apparatus for detecting and decoding music format for mobile phones and a digital music sharing method are disclosed. The apparatus for detecting and decoding music format for mobile phones comprises a receiver, for receiving a digital music file and a data processing unit, for detecting the format of the digital music file and decoding the digital music file responsive to the detected format of the digital music file. The method of sharing digital music for mobile phones comprises providing a digital music file, transmitting the digital music file to a mobile phone, wherein the mobile phone detects the format of the digital music file and decodes the digital music file.